

Date: April 27, 1980

[08-78]

OIL AND GAS WELL PERMIT APPLICATION

Operator's Well No. EA #2 Frashure
API Well No. 47-021-3637
State County

WELL TYPE: Oil / Gas /
(If "Gas", Production / Underground storage / Deep / Shallow)

LOCATION: Elevation: 950 Watershed: Big Ellis
District: Glenville County: Gilmer Quadrangle: Burnsville

WELL OPERATOR Eastern American Energy Corporation DESIGNATED AGENT James C. Recht
Address P. O. Box N Address P. O. Box 67
Glenville, W.V. 26351 Glenville, W.V. 26351

OIL & GAS ROYALTY OWNER W. E. Frashure
Address Glenville
West Virginia 26351

COAL OPERATOR NONE
Address _____

ACREAGE 132
SURFACE OWNER Glenville State College Alumni
Address Foundation, Inc.
Glenville, WV 26351
ACREAGE 132

COAL OWNER(S) WITH DECLARATION ON RECORD:
Name _____
Address _____
APR 30 1980

FIELD SALE (IF MADE) TO:
Name _____
Address _____

Name _____
Address OIL & GAS DIVISION
DEPT. OF MINES

OIL & GAS INSPECTOR TO BE NOTIFIED
Name Paul Goodknight
Address Smithville, WV
PHONE: 477-2455

COAL LESSEE WITH DECLARATION ON RECORD:
Name _____
Address _____

The undersigned well operator is entitled to operate for oil or gas purposes at the above location under a deed / lease / other contract / dated January 15, 1940.
undersigned well operator from W. E. Frashure & Fern Frashure

[If said deed, lease, or other contract has been recorded:]
Recorded on February 26, 1940, in the office of the Clerk of the County Commission of Gilmer County, West Virginia, in lease Book 143 at page 377. A permit is requested to drill

PROPOSED WORK: Drill / Drill deeper / Redrill / Fracture or stimulate /
Plug off old formation / Perforate new formation /
Other physical change in well (specify) _____

--planned as shown on the work order on the reverse side hereof.

The above named coal operator, coal owner(s), and coal lessee are hereby notified that any objection they wish to make or are required to make by Code § 22-4-3 must be filed with the Department of Mines within fifteen (15) days after the receipt of this Application by the Department.

Copies of this Permit Application and the enclosed plat and reclamation plan have been mailed by registered mail or delivered by hand to the above named coal operator, coal owner(s), and coal lessee on or before the day of the mailing or delivery of this Permit Application to the Department of Mines at Charleston, West Virginia.

BLANKET BOND

PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO:
WEST VIRGINIA OIL AND GAS CONSERVATION COMMISSION
615 WASHINGTON STREET EAST
CHARLESTON, WV 25311
TELEPHONE: (304) 348-3092

EASTERN AMERICAN ENERGY CORPORATION
Well Operator
F.H. McCullough, III
By F.H. MCCULLOUGH, III
Vice President

[08-78]

PROPOSED WORK ORDER

THIS IS AN ESTIMATE ONLY:
ACTUAL INFORMATION MUST BE SUBMITTED ON FORM IV-35 UPON COMPLETION

DRILLING CONTRACTOR (IF KNOWN) S. W. Jack, Inc.
Address Buckhannon, WV 26201
Phone: 472-2161

GEOLOGICAL TARGET FORMATION, Elk/Alexander

Estimated depth of completed well, 5500 feet Rotary X / Cable tools /
Approximate water strata depths: Fresh, unknown feet; salt, feet.
Approximate coal seam depths: unknown Is coal being mined in the area? Yes / No X

CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS					FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
	Size	Grade	Weight per ft	New	Used	For drilling	Left in well		
Conductor	20	J-55	94 lb		X	25	---	---	Kinds
Fresh water	8-5/8	J-55	20 lb	X		1100	1100	Surface	
Coal									Sizes
Intermediate									
Production	4 1/2	CW	10.5	X		5500	5500	300 SKS.	Depths set
Tubing	1 1/2	H-40	2.5	X		---	5400		
Liners									Perforations:
									Top Bottom

NOTE: Regulation 7.02 of the Department of Mines provides that the original and four copies of Form IV-2 must be filed with the Department, accompanied by (i) a plat in the form prescribed by Regulation 11, (ii) a bond in one of the forms prescribed by Regulation 12, or in lieu thereof the other security allowed by Code § 22-4-2, (iii) Form IV-9, "Reclamation Plan", applicable to the reclamation required by Code § 22-4-12b and Regulation 23, (iv) unless previously paid on the same well, the fee required by Code § 22-4-12a, and (v) if applicable, the consent required by Code § 22-4-8a from the owner of any water well or dwelling within 200 feet of the proposed well.

A separate Form IV-2 shall not be required for fracturing or stimulating a well where fracturing or stimulating is to be part of the work for which a permit is sought and is noted as such on the Form IV-2 filed in connection therewith.

All provisions being in accordance with Chapter 22, of the W. Va. Code, the location is hereby approved for drilling. This permit shall expire if operations have not commenced by 1-9-81.

Robert L. [Signature]
Deputy Director - Oil & Gas Division

The following waiver must be completed by the coal operator and by any coal owner or coal lessee who has recorded a declaration under Code § 22-4-20, if the permit is to be issued within fifteen (15) days of receipt thereof:

W A I V E R

The undersigned coal operator / owner / lessee / of the coal under this well location has examined this proposed well location. If a mine map exists which covers the area of the well location, the well location has been added to the mine map. The undersigned has no objection to the work proposed to be done at this location, provided, the well operator has complied with all applicable requirements of the West Virginia Code and the governing regulations.

02/16/2024

BLANKET BOND

Date: , 19

By
Its

Date: April 21, 1980

Operator's Well No. E.A.# 2 Frashure

API Well No. 47 - -
State County Permit

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES, OIL AND GAS DIVISION

RECLAMATION PLAN

WELL OPERATOR Eastern American Energy Corp.
Address P. O. Box N
Glenville, W.V. 26351

DESIGNATED AGENT James C. Recht
Address P.O. Box 67
Glenville, W.V. 26351

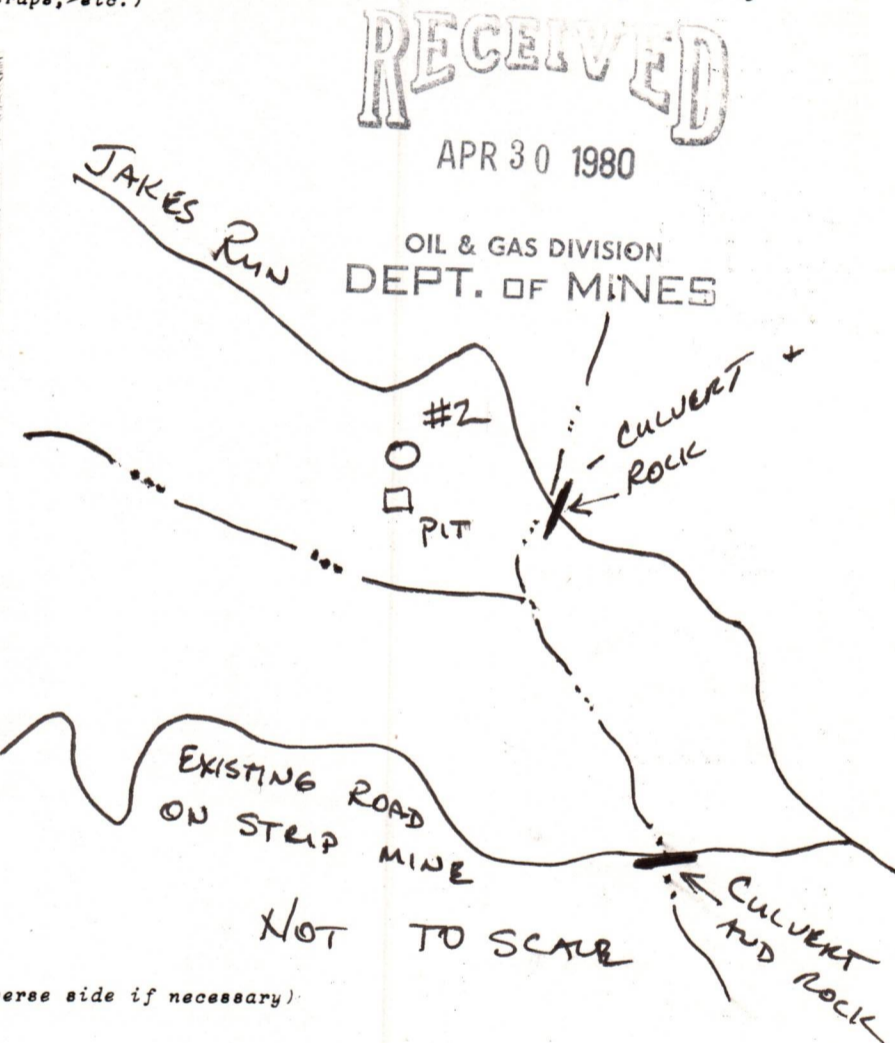
The well operator hereby agrees to carry out the reclamation requirements of Code § 22-4-12b in the manner set out below.

This plan has / has not X / been reviewed with the district oil and gas inspector.

SKETCH: (Locate and show the (1) well location, (2) existing access road, (3) access road to be constructed, (4) well site, (5) drilling pit(s), and (6) necessary drainage features, including drains (natural and manmade), silt traps, -etc.)



1" = 2000ft



STATEMENT OF RECLAMATION PLAN (Complete on reverse side if necessary)

The drilling location, the access road and access road banks are to be graded to as nearly as is possible the original contour of the surrounding area as it existed prior to the commencement of drilling. The drilling pit (s) are to be filled and the surface area graded and contoured prior to the hydroseeding and planting of surface grasses and vegetation.

Handwritten signature

EASTERN AMERICAN ENERGY CORPORATION

Well Operator

02/16/2024

Handwritten signature of F. H. McCullough, III

By F. H. McCullough, III

Its Vice President

[08-78,

WELL OPERATOR'S REPORT
OF

API Well No. 47 - 021 - 36
State County Per

DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

001-3637

WELL TYPE: Oil ___ / Gas X / Liquid Injection ___ / Waste Disposal ___ /
(If "Gas", Production X / Underground storage ___ / Deep ___ / Shallow X /)

LOCATION: Elevation: 950 Watershed: Big Ellis
District: Glenville County: Gilmer Quadrangle: Burnsville

WELL OPERATOR Eastern American Energy Corp DESIGNATED AGENT James C. Recht
Address P.O. Box N Address P.O. Box 67
Glenville, WV 26351 Glenville, WV 26351

PERMITTED WORK: Drill X / Convert ___ / Drill deeper ___ / Redrill ___ / Fracture or stimulate X
Plug off old formation ___ / Perforate new formation ___ /
Other physical change in well (specify) _____

PERMIT ISSUED ON April 30, 19 80 OIL & GAS INSPECTOR FOR THIS WORK:

(IF APPLICABLE: PLUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED _____, 19 _____
Name Paul Goodnight
Address Smithville, WV 26178
PHONE: 477-2455

GEOLOGICAL TARGET FORMATION: Elk/Alexander/Benson Depth 5000 feet
Depth of completed well, 5020 feet Rotary X / Cable Tools ___
Water strata depth: Fresh, 268 feet; salt, -- feet.
Coal seam depths: none Is coal being mined in the area? no
Work was commenced August 6, 1980, 19 _____, and completed August 10, 19 80

CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS					FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
	Size	Grade	Weight per ft	New	Used	For drilling	Left in well		
Conductor	20	J-55	94lb		X	25	--		Kinds
Fresh water	8-5/8	J-55	20lb	X		313	313	Surface	
Coal									Sizes
Intermediate									
Production	4 1/2	CW	10.5	X		5015	5015	550 sks	Depths set
Tubing	1 1/2	H-40	2.5	X					
Liners									Perforations:
									Top Bottom
									4826 4832
									4460 4464

OPEN FLOW DATA
Producing formation Elk/Benson Comingled Pay zone depth 4452-4476 feet
Gas: Initial open flow, 3.0 M Mcf/d Oil: Initial open flow, N/A Bbl/d
Final open flow, 1.2M Mcf/d Final open flow, N/A Bbl/d
Time of open flow between initial and final tests, 18 hours
Static rock pressure, 1475 psig (surface measurement) after 24 hours shut in 02/16/2024

[If applicable due to multiple completion--]
Second producing formation _____ Pay zone depth _____ feet
Gas: Initial open flow, _____ Mcf/d Oil: Initial open flow, _____ Bbl/d
Final open flow, _____ Mcf/d Final open flow, _____ Bbl/d
Time of open flow between initial and final tests, _____ hours
Static rock pressure, _____ psig (surface measurement) after _____ hours shut in

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS WELLS DIVISION

INSPECTOR'S WELL REPORT

Permit No. G-1-3637

Oil or Gas Well _____
(KIND)

Company <u>Eastern Am-Energy Corp</u>	CASING AND TUBING	USED IN DRILLING	Left in Well	PACKERS
	Address _____	Size		
Farm <u>W.E. Frasure</u>	16			
Well No. <u>2</u>	13			
District <u>Glenville</u> County <u>Gilmer</u>	10			Size of _____
Drilling commenced _____	8 1/4			Depth set _____
Drilling completed _____ Total depth _____	6 3/4			
Date shot _____ Depth of shot _____	5 3/16			Perf. top _____
Initial open flow _____ /10ths Water in _____ Inch	3			Perf. bottom _____
Open flow after tubing _____ /10ths Merc. in _____ Inch	2			Perf. top _____
Volume _____ Cu. Ft.	Liners Used _____			Perf. bottom _____
Rock pressure _____ lbs. _____ hrs.	CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____			
Oil _____ bbls., 1st 24 hrs.	NAME OF SERVICE COMPANY _____			
Fresh water _____ feet _____ feet	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
Salt water _____ feet _____ feet	_____ FEET _____ INCHES _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names Johnson - (J.P.)

Remarks: Cont - S.W. Jack Inc Rotary - Air

RECEIVED
AUG - 8 1980

P.I. of Permit - O.K. - Rigging up

OIL & GAS DIVISION
DEPT. OF MINES

8-4-80
DATE

02/16/2024
505
DISTRICT WELL INSPECTOR

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS WELLS DIVISION

INSPECTOR'S WELL REPORT

Permit No. 61-3637

Oil or Gas Well _____
(KIND)

Company Eastern AM Energy Corp

Address _____

Farm W. E. Frasure

Well No. 2

District Glenville County Colman

Drilling commenced 8-5-80

Drilling completed _____ Total depth _____

Date shot _____ Depth of shot _____

Initial open flow _____ /10ths Water in _____ Inch

Open flow after tubing _____ /10ths Merc. in _____ Inch

Volume _____ Cu. Ft.

Rock pressure _____ lbs. _____ hrs.

Oil _____ bbls., 1st 24 hrs.

Fresh water _____ feet _____ feet

Salt water _____ feet _____ feet

CASING AND TUBING	USED IN DRILLING	Left in Well	PACKERS
Size			
16			Kind of Packer _____
13			
10			Size of _____
8 1/4 <u>858</u>		<u>320</u>	
6 3/4			Depth set _____
5 3/16			
3			Perf. top _____
2			Perf. bottom _____
Liners Used			Perf. top _____
			Perf. bottom _____

CASING CEMENTED 858 SIZE 320 No. FT. _____ Date _____
Down to Surface 125 513
 NAME OF SERVICE COMPANY Dowell

COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
 _____ FEET _____ INCHES FEET _____ INCHES
 _____ FEET _____ INCHES FEET _____ INCHES

Drillers' Names Johnson - (T.P.)

North - S. W. JACK Drilling Co. Inc Rotary - Air

Remarks: _____

RECEIVED
 Duly - 1265
 AUG 12 1980

OIL & GAS DIVISION
 DEPT. OF MINES

8-7-80
 DATE

[Signature] 02/16/2024
 DISTRICT WELL INSPECTOR

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS WELLS DIVISION

INSPECTOR'S PLUGGING REPORT

Permit No. _____

Well No. _____

COMPANY _____ ADDRESS _____

FARM _____ DISTRICT _____ COUNTY _____

Filling Material Used _____

Liner	Location	Amount	Packer	Location		
PLUGS USED AND DEPTH PLACED			BRIDGES	CASING AND TUBING		
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION	RECOVERED	SIZE	LOST

Drillers' Names _____

Remarks: _____

_____ I hereby certify I visited the above well on this date.
DATE

02/16/2024
DISTRICT WELL INSPECTOR

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS WELLS DIVISION

RECEIVED

MAY 27 1982

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

INSPECTOR'S WELL REPORT

Permit No. 21-3637

Oil or Gas Well _____
(KIND)

Company Pace Pipeline
 Address _____
 Farm G. A. Snyder
 Well No. 1-A
 District Center County Gilmer
 Drilling commenced _____
 Drilling completed _____ Total depth _____
 Date shot _____ Depth of shot _____
 Initial open flow _____ /10ths Water in _____ Inch
 Open flow after tubing _____ /10ths Merc. in _____ Inch
 Volume _____ Cu. Ft.
 Rock pressure _____ lbs _____ hrs.
 Oil _____ bbls., 1st 24 hrs.
 Fresh water _____ feet _____ feet
 Salt water _____ feet _____ feet

CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Size			
16			Kind of Packer _____
13			
10			Size of _____
8 1/4			
6 3/4			Depth set _____
5 3/16			
3			Perf. top _____
2			Perf. bottom _____
Liners Used			Perf. top _____
			Perf. bottom _____

CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____
 NAME OF SERVICE COMPANY _____
 COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
 _____ FEET _____ INCHES _____ FEET _____ INCHES
 _____ FEET _____ INCHES _____ FEET _____ INCHES

Drillers' Names _____

Remarks:
NO. IDENTIFICATION
Redaction was good, but has started to slip on lower side of location, recommend well owner start work on slip now, before it goes into hollow.

6-20-82
DATE

Des Mace 02/16/2024
DISTRICT WELL INSPECTOR

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS WELLS DIVISION
INSPECTOR'S PLUGGING REPORT

Permit No. _____ Well No. _____

COMPANY _____ ADDRESS _____

FARM _____ DISTRICT _____ COUNTY _____

Filling Material Used _____

Liner			Location	Amount	Packer	Location
PLUGS USED AND DEPTH PLACED			BRIDGES		CASING AND TUBING	
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION		RECOVERED	SIZE LOST

Drillers' Names _____

Remarks: _____

DATE _____ I hereby certify I visited the above well on this date.

02/16/2024

DISTRICT WELL INSPECTOR



RECEIVED
DEPARTMENT OF ENERGY
OIL AND GAS

State of West Virginia
Department of Mines
Oil and Gas Division
Charleston 25305

APR 1 1986

FINAL INSPECTION REPORT
INSPECTORS COMPLIANCE REPORT
March 29, 1984

COMPANY Eastern American Energy Corp.

PERMIT NO 021-3637 (5-9-80)

P. O. Box N

FARM & WELL NO W. E. Frasure #2

Glenville, West Virginia 26351

DIST. & COUNTY Glenville/Gilmer

RULE	DESCRIPTION	IN COMPLIANCE	
		YES	NO
23.06	Notification Prior to Starting Work	_____	_____
25.04	Prepared before Drilling to Prevent Waste	_____	_____
25.03	High-Pressure Drilling	_____	_____
16.01	Required Permits at Wellsite	_____	_____
15.03	Adequate Fresh Water Casing	_____	_____
15.02	Adequate Coal Casing	_____	_____
15.01	Adequate Production Casing	_____	_____
15.04	Adequate Cement Strength	_____	_____
15.05	Cement Type	_____	_____
23.02	Maintained Access Roads	_____	_____
25.01	Necessary Equipment to Prevent Waste	_____	_____
23.04	Reclaimed Drilling Pits	_____	_____
23.05	No Surface or Underground Pollution	_____	_____
23.07	Requirements for Production & Gathering Pipelines	_____	_____
16.01	Well Records on Site	_____	_____
16.02	Well Records Filed	_____	_____
7.05	Identification Markings	_____	_____

I HAVE INSPECTED THE ABOVE CAPTIONED WELL AND RECOMMEND THAT IT BE RELEASED:

SIGNED Craig Duckworth

DATE 3/26/86

Your well record was received and reclamation requirements approved. In accordance with Chapter 22, Article 4, Section 2, the above well will remain under bond coverage for the life of the well.

T. L. ...
Administrator - Oil & Gas Division

April 2, 1986

DATE

RECEIVED

AUG 25 1980

OIL & GAS DIVISION
DEPT. OF MINES

1.0 API well number: (If not available, leave blank. 14 digits.) 47-021-3637

2.0 Type of determination being sought: (Use the codes found on the front of this form.)
Section of NGPA 107 Category Code _____

3.0 Depth of the deepest completion location: (Only needed if sections 103 or 107 in 2.0 above.) 5019 feet

4.0 Name, address and code number of applicant: (35 letters per line maximum. If code number not available, leave blank.)
Name Eastern American Energy Corporation Seller Code _____
Street P.O. Box N
City Glenville, WV 26351 State WV Zip Code _____

5.0 Location of this well: [Complete (a) or (b).]
(a) For onshore wells (35 letters maximum for field name.)
Field Name Glenville State WV
County Gilmer

(b) For OCS well:
Area Name _____ Block Number _____
Date of Lease: _____
Mo. Day Yr. _____ OCS Lease Number _____

(c) Name and identification number of this well: (35 letters and digits maximum.)
W. E. Frashure #2

(d) If code 4 or 5 in 2.0 above, name of the reservoir: (35 letters maximum.)

6.0 (a) Name and code number of the purchaser: (35 letters and digits maximum. If code number not available, leave blank.)
Name Equitable Gas Company Buyer Code 5939

(b) Date of the contract:
1 1 16 7 7
Mo. Day Yr.

(c) Estimated annual production:
46.0 MMcf.

	(a) Base Price (\$/MMBTU)	(b) Tax	(c) All Other Prices [Indicate (+) or (-).]	(d) Total of (a), (b) and (c)
7.0 Contract price: (As of filing date. Complete to 3 decimal places.)	<u>1.550</u>	<u>0.190</u>	_____	<u>1.740</u>
8.0 Maximum lawful rate: (As of filing date. Complete to 3 decimal places.)	<u>2.504</u>	<u>0.309</u>	_____	<u>2.813</u>

9.0 Person responsible for this application:
Agency Use Only
Date Received by Juris' Agency AUG 25 1980
Date Received by FERC _____

Name James C. Recht Title Designated Agent
Signature *James C. Recht*
Date Application is Completed 8/22/80 Phone Number (304) 462-7744

F I T M O B O C . .

02/16/2024

PARTICIPANTS:

DATE: NOV 11 1980

BUYER-SELLER CODE

WELL OPERATOR: Eastern American Energy Corp.

031836

FIRST PURCHASER: Equitable Gas Company

005939

OTHER: _____

W. Va. Department of Mines, Oil & Gas Division
 WELL DETERMINATION FILE NUMBER
80-8-25 -107-021 = 3637
 Use Above File Number on all Communications
 Relating to Determination of this Well

Qualifies JG Huzzey

CHECK EACH ITEM AS COMPLETE OR NOTE WHAT IS MISSING

ITEM NO.

- 1.. FERC -121 Items not completed - Line No. _____
- 2.. IV-1 Agent James C Recht
- 3.. IV-2 Well Permit
- 4.. IV-6 Well Plat
- 5.. IV-35 Well Record Drilling Deepening
- 6.. IV-36 Gas-Oil Test: Gas Only _____ Was Oil Produced? _____ Ratio _____
- 7.. IV-39 Annual Production _____ years
- 8.. IV-40 90 day Production _____ Days off line: _____
- 9.. IV-48 Application for certification. Complete?
- 10-17.. IV Form 51 - 52 - 53 - 54 - ~~55~~ - 56 - 57 - 58 Complete? Affidavit Signed
- 18-28.. Other: Survey _____ Logs _____ Geological Chart's _____
 Structure Map _____ 1: 4000 Map _____ Well Tabulations _____
 Gas Analyses _____

- (5) Date commenced: 8-6-80 Date completed 8-10-80 Deepened _____
- (5) Production Depth 4452-76 / 4788-4902
- (5) Production Formation: Elk / Benson Comingled
- (5) Final Open Flow: 1.2 mcf
- (5) After Frac. R. P. 1475 # 24 hrs.
- (6) Other Gas Test: _____
- (7) Avg. Daily Gas from Annual Production: _____
- (8) Avg. Daily Gas from 90-day ending w/1-120 days _____
- (8) Line Pressure: _____ PSIG from Daily Report _____
- (5) Oil Production: _____ From Completion Report _____
- 10-17.. Does lease inventory indicate enhanced recovery being done no
- 10-17.. Is affidavit signed? Notarized?

Does official well record with the Department confirm the submitted information? yes

Additional information _____ Does computer program confirm? 02/16/2024

Was Determination Objected to _____ By Whom? J.S.

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES, OIL AND GAS DIVISION

Date August 22, 19 80

Operator's Well No. 2 W. E. Frashure

API Well No. 47 - 021 - 3637
State County Permit

WELL CLASSIFICATION FORM:

HIGH COST GAS WELL
NGPA Section 107

DESIGNATED AGENT James C. Recht

ADDRESS P.O. Box 67

Glenville, WV 26351

WELL OPERATOR Eastern American Energy Corp Elevation 950

ADDRESS P.O. Box N Watershed Big Ellis

Glenville, WV 26351 Dist. Glenville Gilmer Quad. Burnsville

GAS PURCHASER Equitable Gas Co. Gas Purchase Contract No. 6748

ADDRESS 420 Boulevard of the Allies Meter Chart Code not yet available

Pittsburgh, PA 15219 Date of Contract 11/16/77

* * * * *

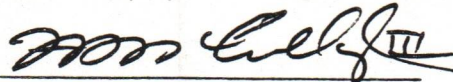
Date surface drilling began: August 6, 1980

Indicate the bottom hole pressure of the well and explain how this was calculated.

The bottom hole pressure of this well is 1670 psig and was calculated by gauging the static surface pressure and using the standard gas deviation formula to extrapolate surface pressure to bottom hole pressure.

AFFIDAVIT

I, F. H. McCullough, III having been first sworn according to law, state that, surface drilling of the well for which this determination is sought was begun after February 19, 1977, the well completion location is below a true vertical depth of 15,000 feet and I have no knowledge of any information not included in the application which is inconsistent with a conclusion that the well qualifies as a high cost natural gas well.



F. H. McCullough, III
Vice President

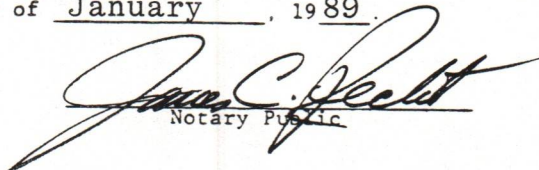
STATE OF WEST VIRGINIA,
COUNTY OF Gilmer, TO WIT:

I, James C. Recht, a Notary Public in and for the state and county aforesaid, do certify that F. H. McCullough, III whose name is signed to the writing above, bearing date the 22nd day of August, 19 80, has acknowledged the same before me, in my county aforesaid.

Given under my hand and official seal this 22nd day of August, 1980.

My term of office expires on the 15 day of January, 1989.

[NOTARIAL SEAL]

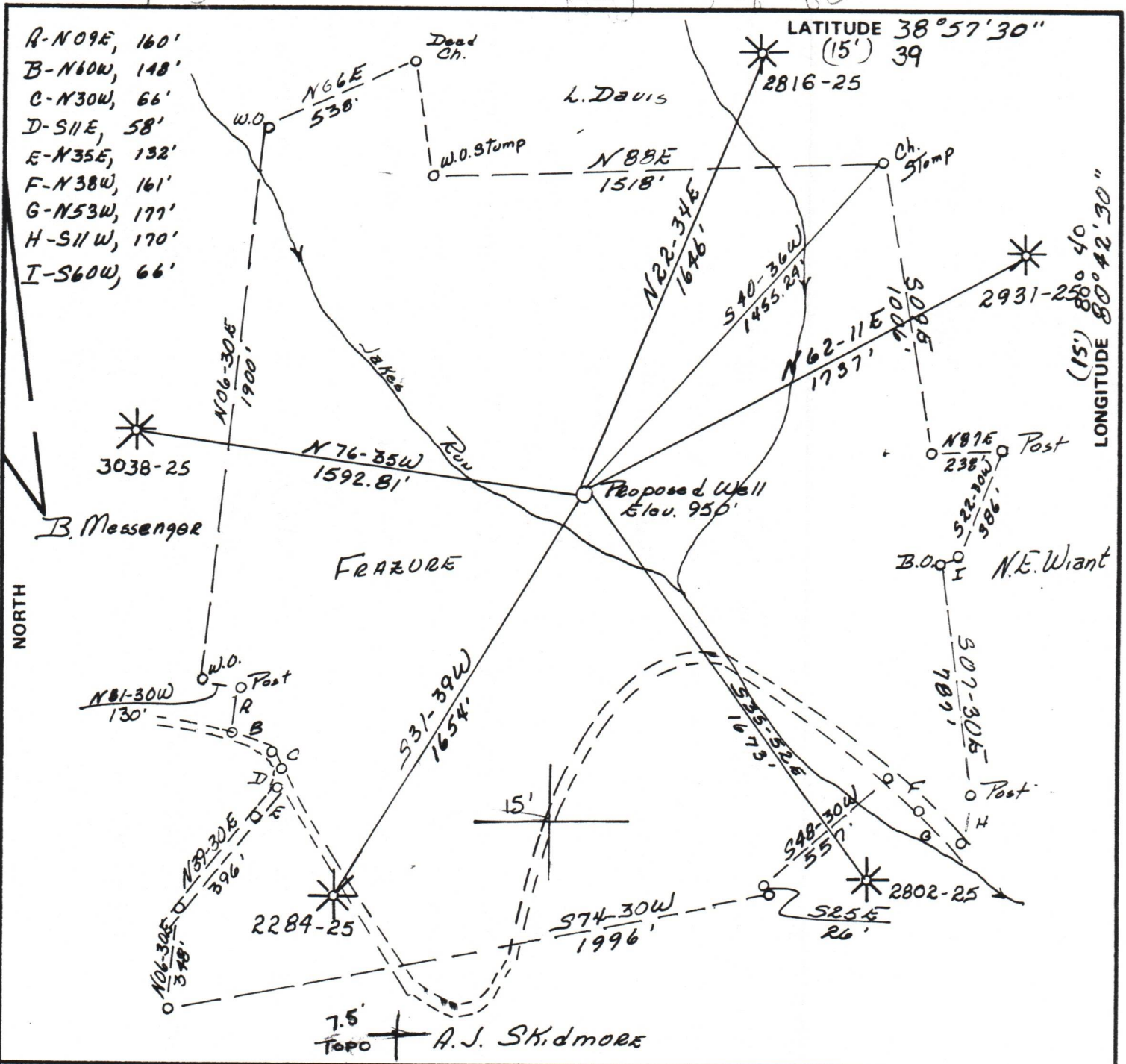

Notary Public

02/16/2024

1-51

5780

- R-N09E, 160'
- B-N60W, 148'
- C-N30W, 66'
- D-S11E, 58'
- E-N35E, 132'
- F-N38W, 161'
- G-N53W, 171'
- H-S11W, 170'
- I-S60W, 66'



FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY 1" in 200'
 PROVEN SOURCE OF ELEVATION USGS BM-Sand Fork-745'-Gilmer Quad

I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF MINES.
 (SIGNED) Wayne D. Taylor
 R.P.E. _____ L.L.S. 624

PLACE SEAL HERE

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 FORM IV-6 (8-78)



DATE April 28, 19 80
 OPERATOR'S WELL NO. #2
 API WELL NO. 47-021-3637
 STATE COUNTY PERMIT

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

WELL TYPE: OIL ___ GAS LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION ___ STORAGE ___ DEEP ___ SHALLOW
 LOCATION: ELEVATION 950' WATER SHED Lakes Run of Ellis Creek
 DISTRICT Glenville COUNTY Gilmer
 QUADRANGLE Gilmer 7.5 Burnsville 15'
 SURFACE OWNER Glenville State College Alumni ACREAGE 132
 OIL & GAS ROYALTY OWNER W. E. Frazure LEASE ACREAGE 132
 LEASE NO. _____
 PROPOSED WORK: DRILL CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE ___ PLUG OFF OLD FORMATION ___ PERFORATE NEW FORMATION ___ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____

PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___
 TARGET FORMATION ELK-ALEXANDER ESTIMATED DEPTH 5500
 WELL OPERATOR Eastern American Energy DESIGNATED AGENT James E. Recht
 ADDRESS PO Box N Glenville, W. Va. 26351 ADDRESS PO Box N Glenville, W. Va. 26351